

Engineering Services for Waste to Energy

Client: M/s Jakob Stiefel Technik AG

Project: KR - SLM

Scope Of Work:

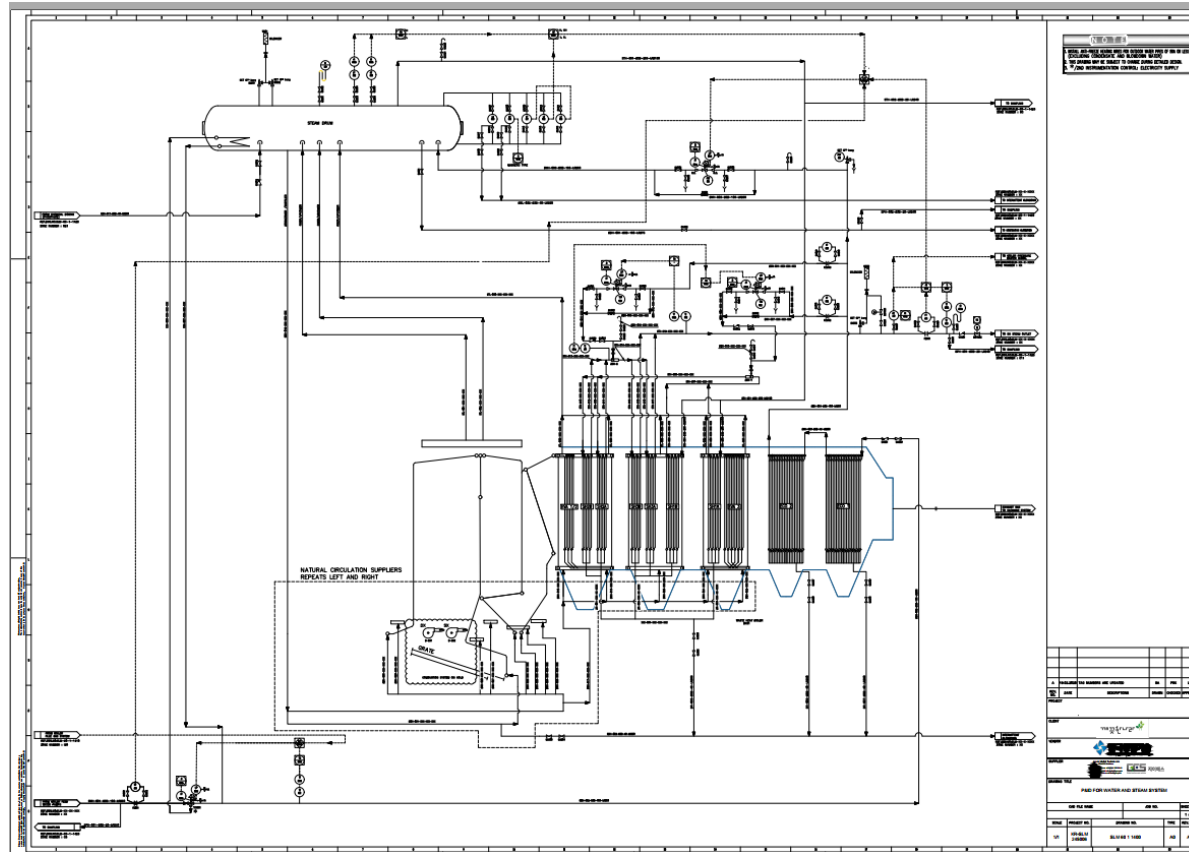
KKS coding for the following P&ID systems:

- **Boiler steam water**
- **Boiler flue gas**
- **Chemicals**
- **Combustion Air**
- **Cooling water circuit**
- **Feeding system and grate**
- **Hydraulic**
- **Ash and slag discharging**

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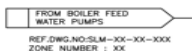

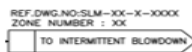
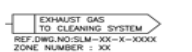

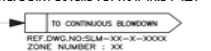


P&ID of Water and Steam System

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| Sl. No | PID Name | PID Zone Number | AESPL Clarification Dated 19 Feb 2025 |
|--------|--------------------------------|-----------------------|--|
| 1 | PID for Water and Steam System | Q2, D8 | <p>We kept the pipe line designation details as in the new PID. If not available, the pipe line designation details are shown as "XXX-XX-XXX".</p> <p>BWH-801-B3B-100-LR850 BWH-831-XXX-XXX-XXX</p> |
| 2 | PID for Water and Steam System | Q1 | <p>kindly provide the Boiler Feed Water (BFw) terminal point details for new this PID. We will update the same in PID instead of XXXX</p>  |
| 3 | PID for Water and Steam System | G20 (full steam line) | <p>For system number for steam, there is no specific number is mentioned. Hence, we followed the system number 9 which mentioned as "Other system"</p>  |
| 4 | PID for Water and Steam System | P20 and D20 | <p>kindly provide the intermittent blowdown tank terminal point details for new this PID. We will update the same in PID instead of XXXX</p>  |
| 5 | PID for Water and Steam System | E20 | <p>kindly provide the intermittent exhaust gas to cleaning system terminal point details for new this PID. We will update the same in PID instead of XXXX</p>  |
| 6 | PID for Water and Steam System | E20 | <p>kindly provide the boiler pressure master signal terminal point details for new this PID. We will update the same in PID instead of XXX</p>  |
| 7 | PID for Water and Steam System | E20 | <p>kindly provide the continuous blowdown terminal point details for new this PID. We will update the same in PID instead of XXX</p>  |
| 8 | PID for Water and Steam System | D2 | <p>For system number for chemical dosing system, there is no specific number is mentioned. Hence, we followed the system number 9 which mentioned as "Other system"</p> <p>CDH-911-B3B-40-LR850</p> |
| 9 | PID for Water and Steam System | A21 | <p>In PID notes, we have followed as per the reference PID. Please advise if any additional notes are required or provided notes</p> <div style="border: 1px solid black; padding: 5px;"> <p>NOTE</p> <ol style="list-style-type: none"> 1. INSTALL ANTI-FREEZE HEATING WIRES FOR OUTDOOR WATER PIPES OF 50A OR LESS (EXCLUDING CONDENSATE AND BLOWDOWN WATER) 2. THIS DRAWING MAY BE SUBJECT TO CHANGE DURING DETAILED DESIGN. 3. * /2ND INSTRUMENTATION CONTROL: ELECTRICITY SUPPLY </div> |

Water and Steam System Clarification